

**1. Design a web page with a form that uses all types of controls.**

**CODE:**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Comprehensive Form</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 20px;
      padding: 20px;
    }
    form {
      max-width: 500px;
      padding: 20px;
      border: 1px solid #ccc;
      border-radius: 5px;
    }
    label {
      font-weight: bold;
    }
    input, select, textarea {
      width: 100%;
      padding: 8px;
      margin: 5px 0;
    }
  </style>
</head>
<body>
  <h2>Comprehensive Form</h2>
  <form action="#" method="post">
    <label for="text">Text Input:</label><br>
    <input type="text" id="text" name="text" placeholder="Enter text">

    <label for="email">Email:</label><br>
    <input type="email" id="email" name="email" placeholder="Enter email">
```

```
<label for="password">Password:</label></br>
<input type="password" id="password" name="password">
```

```
<label>Gender:</label></br>
<input type="radio" name="gender" value="male"> Male
<input type="radio" name="gender" value="female"> Female</br> </br>
```

```
<label>Hobbies:</label>
<input type="checkbox" name="hobby1" value="sports"> Sports
<input type="checkbox" name="hobby2" value="music"> Music
<input type="checkbox" name="hobby3" value="reading"> Reading </br> </br>
```

```
<label for="date">Date:</label></br>
<input type="date" id="date" name="date">
```

```
<label for="time">Time:</label></br>
<input type="time" id="time" name="time">
```

```
<label for="datetime">Date & Time:</label></br>
<input type="datetime-local" id="datetime" name="datetime">
```

```
<label for="color">Choose a Color:</label></br>
<input type="color" id="color" name="color">
```

```
<label for="range">Range:</label></br>
<input type="range" id="range" name="range" min="1" max="10">
```

```
<label for="number">Number:</label></br>
<input type="number" id="number" name="number" min="1" max="100">
```

```
<label for="tel">Phone Number:</label></br>
<input type="tel" id="tel" name="tel" placeholder="123-456-7890">
```

```
<label for="url">Website:</label></br>
<input type="url" id="url" name="url" placeholder="https://example.com">
```

```
<label for="file">Upload File:</label></br>
<input type="file" id="file" name="file">
```

```
<label for="dropdown">Dropdown:</label></br>
<select id="dropdown" name="dropdown">
```

```

        <option value="option1">Option 1</option>
        <option value="option2">Option 2</option>
        <option value="option3">Option 3</option>
    </select>

    <label for="textarea">Textarea:</label></br>
    <textarea id="textarea" name="textarea" rows="4"></textarea>

    <input type="submit" value="Submit">
</form>
</body>
</html>

```

## 2. Using JavaScript, a web page that prints the Fibonacci series.

### CODE:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Series Calculator</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            text-align: center;
            margin: 50px;
        }
        input, button {
            margin: 10px;
            padding: 10px;
            font-size: 16px;
        }
    </style>
</head>
<body>
    <h2>Fibonacci Series Generator</h2>
    <label for="number">Enter the number of terms:</label>
    <input type="number" id="number" min="1">
    <button onclick="generateFibonacci()">Generate</button>
    <p id="result" style="text-align: left;"></p>

```

```

<script>
function generateFibonacci() {
    let num = document.getElementById("number").value;
    if (num === "" || num <= 0) {
        alert("Please enter a positive number.");
        document.getElementById("result").innerText = "Please enter a positive
number.";
        return;
    }
    num = parseInt(num);
    let fibSeries = [0, 1];
    for (let i = 2; i < num; i++) {
        fibSeries.push(fibSeries[i - 1] + fibSeries[i - 2]);
    }
    document.getElementById("result").innerText = `Fibonacci Series:
${fibSeries.slice(0, num).join(', ')}`;
    alert(`Fibonacci Series: ${fibSeries.slice(0, num).join(', ')}`);
}
</script>
</body>
</html>

```

### 3. Display a timetable and display it in tabular format.

#### CODE:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Time table</title>
    <style>
        body{
            font-family:sans-serif,Arial, Helvetica, sans-serif;
            background-color:whitesmoke;
            align-items: center;
            align-content: center;
            height: 100vh;
            justify-content: center;
        }
        table{

```

```

        width: 85%;
        /* border-collapse: collapse; */
        box-shadow: 10px 10px 10px rgba(0, 0, 0, 0.1);
        background: white;
        margin: auto;
    }
    th, td {
        border: 2px solid #ddd;
        padding: 10px;
        text-align: center;
    }
    th {
        background-color: #007BFF;
        color: white;
    }
    tr:nth-child(even) {
        background-color: #b8d6f6;
    }

</style>
</head>
<body>
    <header>
        
    </header>
    <h1 align="center">Time table for FYBSC(IT)</h1>
    <table>
        <tr>
            <th>Time</th>
            <th>Monday</th>
            <th>Tuesday</th>
            <th>Wednesday</th>
            <th>Thursday</th>
            <th>Friday</th>
            <th>Saturday</th>
        </tr>
        <tr>
            <td>08:00 - 08:50AM</td>
            <td>-</td>
            <td>Elementary Mathematics for Economics(CB)</td>
            <td>-</td>

```

<td>Web Designing practical(RJ)</td>	
<td>Web Designing practical(RJ)</td>	
<td>OPPS with C++(RC)</td>	
</tr>	
<tr>	
<td>08:50 - 09:40 AM</td>	
<td>-</td>	
<td>Elementary Mathematics for Economics(CB)</td>	
<td>-</td>	
<td>Web Designing practical(RJ)</td>	
<td>Web Designing practical(RJ)</td>	
<td>OPPS with C++(RC)	
</td>	
</tr>	
<tr>	
<td>09:40 - 10:30 AM</td>	
<td>-</td>	
<td>Elementary Mathematics for Economics(CB)</td>	
<td>-</td>	
<td>Web Designing Practical(RJ)</td>	
<td>Elementary mathemaatics for Economics(CB)</td>	
<td>OPPS with C++(RC)</td>	
</tr>	
<tr>	
<td>10:30 - 11:00 AM</td>	
<td>Break</td>	
<td>Break</td>	
<td>Break</td>	
<td>Break</td>	
<td>Break</td>	
<td>Break</td>	
</tr>	
<tr>	
<td>11:00 - 11:50 AM </td>	
<td>Hindi(UY)</td>	
<td>Hindi(UY)</td>	
<td>IT Fundamentals of Python Programming (RJ)</td>	
<td>Fundamental of Behaviours Skills(NP)</td>	
<td>-</td>	
<td>-</td>	

```

</tr>
<tr>
  <td>11:50 - 12:40 PM</td>
  <td>Break</td>
  <td>Fundamentals of Behaviours Skills(NP)</td>
  <td>IT Fundamentals of Python Programming(RJ)</td>
  <td>-</td>
  <td>-</td>
  <td>-</td>

</tr>
<tr>
  <td>12:40 - 1:30 PM</td>
  <td>-</td>
  <td>-</td>
  <td>IT Fundamentals of Python Programming(RJ)</td>
  <td>-</td>
  <td>-</td>
  <td>-</td>

</tr>
<tr>
  <td>12:50-1:30 PM</td>
  <td>Web Programming(GQ)</td>
  <td>-</td>
  <td>-</td>
  <td>-</td>
  <td>-</td>
  <td>-</td>

</tr>
<tr>
  <td>1:30 -4:30 PM</td>
  <td>-</td>
  <td>Assembly Programing Language(AS)</td>
  <td>-</td>
  <td>-</td>
  <td>-</td>
  <td>-</td>

</tr>
</table>

</body>

```

</html>

#### 4. Design a web page that demonstrates JQuery traversal and manipulation.

##### CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>jQuery Traversal and Manipulation</title>
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
  <style>
    body { font-family: Arial, sans-serif; margin: 20px; }
    .item { margin: 5px 0; padding: 10px; border: 1px solid #000; background:
#f0f0f0; }
    button { margin: 5px; padding: 10px 15px; cursor: pointer; }
  </style>
</head>
<body>
  <h1>jQuery Traversal and Manipulation</h1>
  <button id="highlight-first">Highlight First Item</button>
  <button id="add-item">Add New Item</button>
  <button id="remove-last">Remove Last Item</button>
  <button id="highlight-parent">Highlight Parent</button>
  <button id="highlight-parents">Highlight All Parents</button>
  <button id="highlight-children">Highlight Children</button>
  <button id="find-items">Find Items</button>
  <button id="filter-even">Filter Even Items</button>

  <ul id="item-list">
    <li class="item">Item 1</li>
    <li class="item">Item 2</li>
    <li class="item">Item 3</li>
  </ul>

  <script>
    $(document).ready(function () {
      $('#highlight-first').click(function () {
        $('#item-list .item:first').css('background-color', 'yellow');
```



```

});

$('#add-item').click(function () {
    $('#item-list').append('<li class="item">New Item</li>');
});

$('#remove-last').click(function () {
    $('#item-list .item:last').remove();
});

$('#highlight-parent').click(function () {
    $('#item-list .item:first').parent().css('border', '2px solid red');
});

$('#highlight-parents').click(function () {
    $('#item-list .item:first').parents().css('border', '2px solid green');
});

$('#highlight-children').click(function () {
    $('#item-list').children().css('background-color', 'lightblue');
});

$('#find-items').click(function () {
    $('#item-list').find('.item').css('font-weight', 'bold');
});

$('#filter-even').click(function () {
    $('#item-list .item').filter(':even').css('background-color', 'lightgreen');
});
});
</script>
</body>
</html>

```

## 5. Design a web page with an Image Map.

### CODE:

```

<!DOCTYPE html>
<html lang="en">
<head>

```

```

<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Design a web page with Imagemaps.</title>
</head>
<body>
  <h2>client Side Image Mapping</h2>
  <p>Click on the computer, the phone, or the cup of coffee to go to a new page and
  read more about the topic:</p>

  

  <map name="workmap">
    <area shape="rect" coords="34,44,270,350" alt="Computer"
    href="https://www.lenovo.com/in/en/laptops/">
    <area shape="poly" coords="305,154,278,237,351,240" alt="Phone"
    href="https://www.iqoo.com/in/">
    <area shape="circle" coords="335,297,44" alt="Cup of coffee"
    href="https://www.bombayisland.com/pages/malad-cafe">
  </map>
</body>
</html>

```

**6. Using Java script, demonstrate the use of onAbort, onBlur, onChange, onClick, onDbClick events.**

**CODE:**

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript Event Demo</title>
  <style>
    body { font-family: Arial, sans-serif; text-align: center; margin-top: 30px; }
    .box { padding: 10px; margin: 10px; border: 1px solid black; display: inline-block; }
    .message { font-size: 18px; color: blue; margin-top: 10px; }
  </style>

```

```
</style>

</head>

<body>

    <h2>JavaScript Event Handlers Demo</h2>

    <!-- onAbort: Only works for media elements (like images) when loading fails -->

    

    <p id="abortMessage" class="message"></p>

    <!-- onBlur: When input loses focus -->

    <input type="text" id="nameInput" placeholder="Enter your name"
onBlur="handleBlur()">

    <p id="blurMessage" class="message"></p>

    <!-- onChange: Detects when value changes -->

    <select id="colorSelect" onChange="handleChange()">

        <option value="">Select a color</option>

        <option value="Red">Red</option>

        <option value="Blue">Blue</option>

        <option value="Green">Green</option>

    </select>

    <p id="changeMessage" class="message"></p>

    <!-- onClick: Single click event -->

    <button onClick="handleClick()">Click Me</button>

    <p id="clickMessage" class="message"></p>
```

```

<!-- onDbClick: Double-click event -->

<div class="box" onDbClick="handleDbClick()"
onContextmenu="handleOnContextMenu()">Double-Click Me</div>

<p id="dblClickMessage" class="message"></p>

<script>

    // onAbort: Triggered when image loading is interrupted

    function showAbortMessage() {

        document.getElementById("abortMessage").textContent = "Image failed to load
(onAbort event).";

    }

    // onBlur: Triggered when input loses focus

    function handleBlur() {

        document.getElementById("blurMessage").textContent = "Input lost focus (onBlur
event).";

    }

    // onChange: Triggered when select box value changes

    function handleChange() {

        let selectedColor = document.getElementById("colorSelect").value;

        document.getElementById("changeMessage").textContent = "You selected: " +
selectedColor + " (onChange event).";

    }

    // onClick: Triggered on single click

    function handleClick() {

        document.getElementById("clickMessage").textContent = "Button clicked (onClick
event).";

```

```

    }

    // onDbClick: Triggered on double-click
    function handleDbClick() {
        document.getElementById("dbClickMessage").textContent = "Box double-clicked
(onDbClick event).";
    }

    function handleOnContextMenu() {
        document.getElementById("dbClickMessage").textContent = "Box Context Menu
(oncontextmenu event).";
    }
</script>

</body>
</html>

```

7. Design a web page embedding images, audio, and video.

CODE:

```

<!DOCTYPE html>
<html>
<head>
    <title>Multimedia Web Page</title>
    <style>
        .container {
            width: 700px;
            border: 1px solid black;
            padding: 10px;
            text-align: center;
        }
    </style>

```

```

</head>
<body>
  <div class="container">
    <h2>Embedded Image</h2>
    

    <h2>Embedded Audio</h2>
    <audio controls width="600">
      <source src="audio.mp3" type="audio/mpeg">
      <source src="audio.ogg" type="audio/ogg">
      Your browser does not support the audio tag.
    </audio>

    <h2>Embedded Video</h2>
    <video width="600" controls>
      <source src="video.mp4" type="video/mp4">
      <source src="video.ogg" type="video/ogg">
      Your browser does not support the video tag.
    </video>
  </div>
</body>
</html>

```

8. Using java script, demonstrate validating Text Input Fields, Drop-down Lists and Checkboxes.

CODE:

```

<!-- Using java script, demonstrate validating Text Input Fields,
Drop-down Lists and Checkboxes -->

<!DOCTYPE html>

```

```
<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Form Validation</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      text-align: center;

      margin: 50px;

    }

    input, select, button {

      font-size: 16px;

      padding: 8px;

      margin: 10px;

    }

    .error {

      color: red;

      font-size: 14px;

    }

  </style>

</head>

<body>


  <h2>Form Validation Example</h2>

  <form id="myForm">

    <label for="name">Name:</label>

    <input type="text" id="name">
```

```
<span class="error" id="nameError"></span>
```

```
<br>
```

```
<label for="country">Select Country:</label>
```

```
<select id="country">
```

```
  <option value="">--Select--</option>
```

```
  <option value="USA">USA</option>
```

```
  <option value="UK">UK</option>
```

```
  <option value="India">India</option>
```

```
</select>
```

```
<span class="error" id="countryError"></span>
```

```
<br>
```

```
<input type="checkbox" id="terms">
```

```
<label for="terms">I agree to the terms and conditions</label>
```

```
<span class="error" id="termsError"></span>
```

```
<br>
```

```
<button type="button" onclick="validateForm()">Submit</button>
```

```
</form>
```

```
<script>
```

```
function validateForm() {
```

```
  let isValid = true;
```

```
  // Validate Name Input
```

```
  let name = document.getElementById("name").value.trim();
```

```
  if (name === "") {
```



```
        document.getElementById("nameError").innerText = "Name is required!";
        isValid = false;
    } else {
        document.getElementById("nameError").innerText = "";
    }

    // Validate Drop-down List
    let country = document.getElementById("country").value;
    if (country === "") {
        document.getElementById("countryError").innerText = "Please select a country!";
        isValid = false;
    } else {
        document.getElementById("countryError").innerText = "";
    }

    // Validate Checkbox
    let terms = document.getElementById("terms").checked;
    if (!terms) {
        document.getElementById("termsError").innerText = "You must agree to the
terms!";
        isValid = false;
    } else {
        document.getElementById("termsError").innerText = "";
    }

    // Final Submission Check
    if (isValid) {
        alert("Form submitted successfully!");
    }
}
```

```
    }  
  }  
</script>
```

```
</body>
```

```
</html>
```

9. Design a web page with links to different pages and allow navigation between web pages.

CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Graphical Navigation Bar</title>
```

```
  <style>
```

```
    body {
```

```
      font-family: Arial, sans-serif;
```

```
      margin: 0;
```

```
      padding: 0;
```

```
      background-color: #f4f4f4;
```

```
    }
```

```
    .navbar {
```

```
      display: flex;
```

```
      background-color: #04854f;
```

```
      padding: 10px;
```

```
      justify-content: center;
```

```
      box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
```

```

    }

    .navbar a {

        color: white;

        text-decoration: none;

        padding: 14px 20px;

        text-align: center;

        font-size: 18px;

        transition: 0.3s;

        border-radius: 5px;

    }

    .navbar a:hover {

        background-color: #575757;

    }

    .navbar a img {

        width: 20px;

        height: 20px;

        margin-right: 8px;

        vertical-align: middle;

    }

</style>

</head>

<body>

    <div class="navbar">

        <a href="https://gdjalan.edu.in/"> Home</a>

        <a href="https://gdjalan.edu.in/about-our-trust-abvm/"> About</a>

        <a href="https://gdjalan.edu.in/students-support/"> Services</a>

```

```
<a href="https://gdjalan.edu.in/contact-us/"> Contact</a>
```

```
</div>
```

```
</body>
```

```
</html>
```

10. Read data from a JSON file convert it into a JavaScript object and display the data on a web page using a document object.

CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<meta http-equiv="X-UA-Compatible" content="ie=edge">
```

```
<title>JSON Data Display</title>
```

```
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
```

```
<style>
```

```
body { font-family: Arial, sans-serif; margin: 20px; }
```

```
#json-data { margin-top: 20px; padding: 10px; border: 1px solid #000; background:
#f0f0f0; }
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>JSON Data Display</h1>
```

```
<div id="json-data">Loading data...</div>
```

```
<script>
```

```
$(document).ready(function() {
```

```
// Fetch JSON data from a file (replace 'data.json' with the correct file path)
```

```
$.getJSON('data.json', function(data) {
```

```
let displayData = `<p>Name: ${data.name}</p>
```

```
<p>Age: ${data.age}</p>
```

```
<p>City: ${data.city}</p>`;
```

```
document.getElementById('json-data').innerHTML = displayData;
```

```
}).fail(function() {
```

```
document.getElementById('json-data').innerHTML = 'Failed to load data.';
```

```
});
```

```
});
```

```
</script>
</body>
</html>
```

11. Design a web page using ordered, unordered lists and description lists.

CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>practical 1C</title>

</head>

<body>

  <!-- List Tags Ordered List -->

  <h1 style="color:green">DEMONSTRATION OF ORDERED LIST:</h1>

  <h2 style="color:rebeccapurple">LIST OF BEVERAGES:</h2>

  <ol type="i">

    <li>Tea</li>

    <li>Badam Milk</li>

    <li>Coffee</li>

  </ol>

  <!--Nested Unordered List -->

  <h1 style="color:green;">DEMONSTRATION OF UNORDERED LIST:</h1>

  <h2 style="color:rebeccapurple">Nested Unordered List</h2>

  <p>list of IT Technologies:</p>

  <ul>

    <li>DSA</li>

  </ul>
```

<li>Array</li>

<li>Linked List</li>

<li>stack</li>

<li>Queue</li>

</ul>

<li>Web Technologies</li>

<ul>

<li>HTML</li>

<li>CSS</li>

<li>JavaScript</li>

</ul>

<li>Exams:</li>

<ul>

<li>Aptitude</li>

<li>Gate</li>

<li>Placement</li>

</ul>

<!--Definition List -->

<h1 style="color:green;">DEMONSTRATION OF DEFINITION LIST(DL TAGS):</h1>

<h2 style="color:rebeccapurple"> &lt;DT&gt; and &lt;DD&gt;</h2>

<dl>

<dt> Computer

<dd>A computer is an electronic device which store data and process data and gives output as an information.</dd>

</dt>

<dt>

Microprocessor:

<dd> Microprocessor is an component that performs the instruction and task invoved in computer processing.</dd>

**</dt>**

**</dl>**

**</body>**

**</html>**

**12. Write a Java script to prompt for the user's name and display it on the screen.**

**CODE:**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Display User Name</title>**

**<style>**

**body { font-family: Arial, sans-serif; text-align: center; margin-top: 50px; }**

**#output { font-size: 20px; font-weight: bold; margin-top: 20px; color: blue; }**

**</style>**

**</head>**

**<body>**

**<h2>Welcome!</h2>**

**<button onclick="askName()">Enter Your Name</button>**

**<p id="output"></p>**

**<script>**

**function askName() {**

**let userName = prompt("Please enter your name:");**

**if (userName) {**

```
        document.getElementById("output").textContent = "Hello, " + userName + "!";
    } else {
        document.getElementById("output").textContent = "You didn't enter a name.";
    }
}
</script>
```

</body>

</html>

13. Write an HTML code to display your CV on a web page.

CODE:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Ayesha Sarguru - Resume</title>

<style>

body {

font-family: Arial, sans-serif;

line-height: 1.6;

margin: 20px;

background-color: #f9f9f9;

color: #333;

}

h1, h2 {

color: #00509e;



```
}  
  
h1 {  
    border-bottom: 4px solid #00509e;  
    padding-bottom: 5px;  
}  
  
.section {  
    margin-bottom: 20px;  
}  
  
ul {  
    list-style-type: square;  
}  
  
table {  
    width: 90%;  
    border-collapse: collapse;  
    margin: 20px 0;  
}  
  
th, td {  
    border: 1px solid #ddd;  
    padding: 10px;  
    text-align: left;  
}  
  
th {  
    background-color: #00509e;  
    color: white;  
}  
  
tr:nth-child(even) {  
    background-color: #f2f2f2;  
}
```

```
.image-right {
    border: 2px solid black;
    border-radius: 2px;
    float: right;
    margin: 10px;
    width: 150px;
    height: auto;
}
</style>
</head>
<body>
    <h1>Ayesha Sarguru</h1>
    
    <p><strong>Email:</strong> sarguruayesha@gmail.com | <strong>Phone:</strong>
256389765 | <strong>Location:</strong> Kalina, Mumbai</p>

    <div class="section">
        <h2>Professional Summary</h2>
        <p>BSc IT student with strong skills in programming, leadership, and communication.
Passionate about AI and ML, seeking opportunities to apply technical and analytical skills
in real-world projects.</p>
    </div>

    <div class="section">
        <h2>Education</h2>
        <table>
            <thead>
                <tr>
                    <th>Degree</th>
```

```
        <th>Institution</th>

        <th>Year</th>

    </tr>

</thead>

<tbody>

    <tr>

        <td>BSc in Information Technology</td>

        <td>University of Mumbai</td>

        <td>Ongoing</td>

    </tr>

</tbody>

</table>

</div>
```

```
<div class="section">

    <h2>Skills</h2>

    <ul>

        <li>Programming Languages: C, C++, Python</li>

        <li>Graphic Design & UI/UX</li>

        <li>Web Development: HTML, CSS, JavaScript</li>

        <li>Database Management: MySQL</li>

        <li>Leadership & Communication</li>

    </ul>

</div>
```

```
<div class="section">

    <h2>Projects</h2>

    <ul>
```

```
    <li>Developed a responsive website using HTML, CSS, and JavaScript.</li>
    <li>Created a Python-based chatbot for customer service.</li>
    <li>Designed a basic AI model for image classification as part of coursework.</li>
  </ul>
</div>
```

```
<div class="section">
  <h2>Certifications & Workshops</h2>
  <ul>
    <li>Completed a coding bootcamp on AI & ML.</li>
    <li>Attended workshops on Python and Data Science.</li>
  </ul>
</div>
```

```
<div class="section">
  <h2>Interests</h2>
  <ul>
    <li>Artificial Intelligence & Machine Learning</li>
    <li>Web Development</li>
    <li>Reading Technology Blogs</li>
  </ul>
</div>
</body>
</html>
```

14. Design a web page for demonstrating JQuery effect on the page.

CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>jQuery Effects Example</title>

  <script src="https://code.jquery.com/jquery-3.7.1.min.js" integrity="sha256-
/JqT3SQfawRcv/BIHPThkBvs0OEvtFFmqPF/IIY/Cxo=" crossorigin="anonymous"></script>

  <style>

    body {

      font-family: Arial, sans-serif;

      text-align: center;

      margin: 50px;

    }

    #content {

      display: none;

      margin-top: 20px;

      padding: 20px;

      background-color: lightblue;

      border-radius: 10px;

    }

    button {

      padding: 10px 20px;

      font-size: 16px;

      cursor: pointer;

      margin: 5px;

    }

  </style>

</head>
```

```
<body>

  <h1>Welcome to jQuery Effects Demo</h1>

  <button id="hideBtn">Hide</button>

  <button id="showBtn">Show</button>

  <button id="fadeInBtn">Fade In</button>

  <button id="slideDownBtn">Slide Down</button>

  <button id="toggleBtn">Toggle</button>


  <div id="content">

    <p>This is a simple jQuery effect example.</p>

  </div>


  <script>

    $(document).ready(function(){

      $("#hideBtn").click(function(){

        $("#content").hide();

      });

      $("#showBtn").click(function(){

        $("#content").show();

      });

      $("#fadeInBtn").click(function(){

        $("#content").fadeIn();

      });

      $("#slideDownBtn").click(function(){

        $("#content").slideDown();

      });

    });

  </script>

</body>
```

```
});
```

```
$("#toggleBtn").click(function(){
```

```
    $("#content").toggle();
```

```
});
```

```
});
```

```
</script>
```

```
</body>
```

```
</html>
```